



495 SERIES™, 4195 SERIES™

CAST IRON CONSTRUCTION | MOTOR SPEED PRODUCT LINE



FEATURES & BENEFITS

- The most compact gear pump series available to fit tight space constraints
- High speed operation for the most economical pump option for thin to moderate viscosity applications
- Vertical mounting options to further reduce the unit footprint

Flange for motor mounting bracket eliminates the need for drive equipment and provides better unit alignment (Mounts available for NEMA & IEC motors)

Sealed anti-friction bearings eliminate the need for relubrication

Threaded one-piece bearing housing allows for end clearance adjustment

Gauge ports for easy application of gauges or transducers (location varies by pump size)

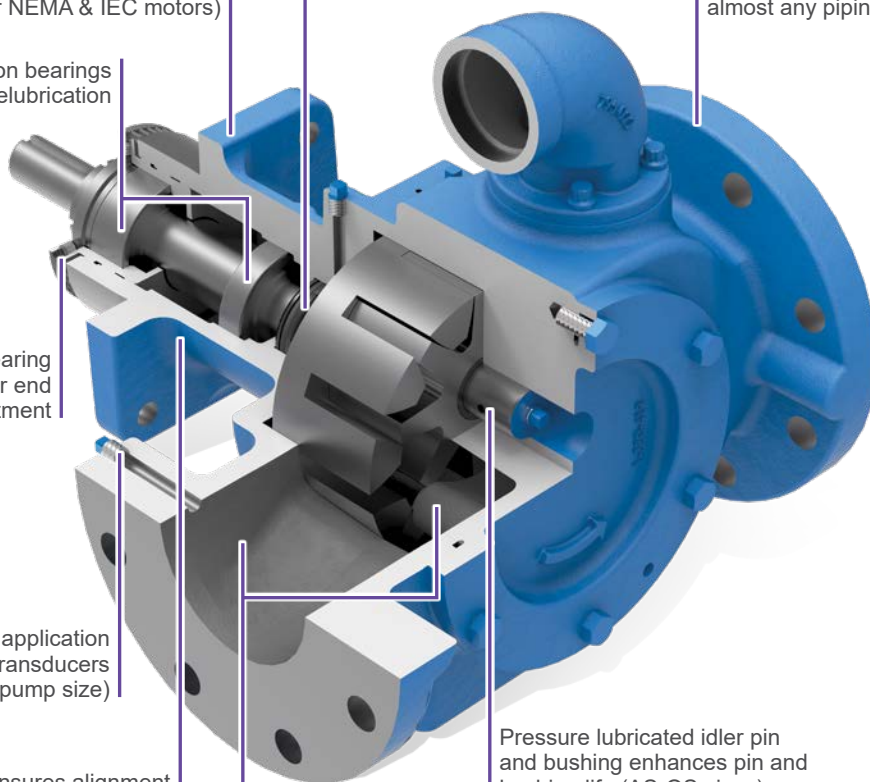
One-piece casing ensures alignment for maximum bearing and seal life

Behind the rotor seal, so shaft and bearings not exposed to media

NPT available on G-AL Sizes, ANSI or DIN flanges on KE-QS sizes, enabling easy in-line mounting to almost any piping system

Pressure lubricated idler pin and bushing enhances pin and bushing life (AS-QS sizes)

Expanded feeding area and redesigned head allow for higher speed on KE-QS size pumps (KE-QS pumps are CW only)



CAPACITY
to 580 GPM
(132 m3/h)



PRESSURE
to 250 PSI
(17 BAR)



VISCOSITY
28 to 15,000 SSU
(1 to 3,300 cSt)



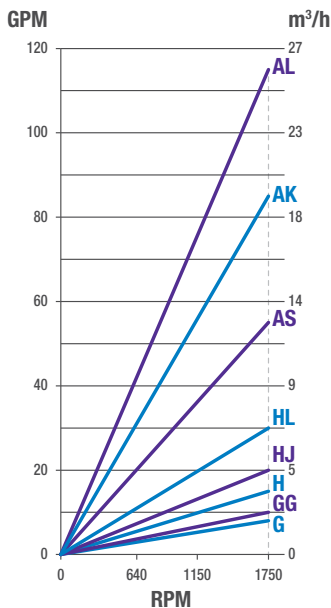
TEMPERATURE
-40°F to +300°F
(-40°C to +150°C)

PERFORMANCE

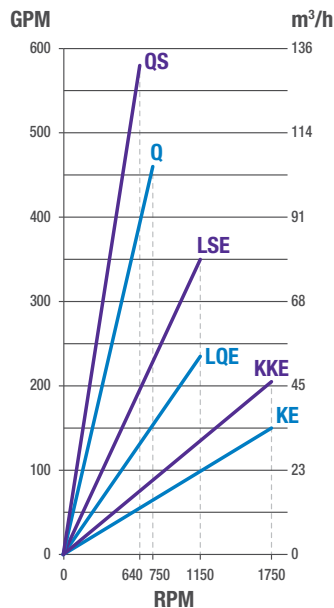
MODELS		SPECIFICATIONS				
Foot Mount	Bracket Mount	Performance			Standard Ports	
Mechanical Seal	Mechanical Seal	Max Speed, RPM	GPM	m³/h	Size, Inches	Type
G4195	G495	1750	8	1.8	1	NPT
GG4195	GG495	1750	10	2.3	1	NPT
H4195	H495	1750	15	3.4	1.5	NPT
HJ4195	HJ495	1750	20	4.5	1.5	NPT
HL4195	HL495	1750	30	6.8	1.5	NPT
AS4195	AS495	1750	55	12	2.5	NPT
AK4195	AK495	1750	85	19	2.5	NPT
AL4195	AL495	1750	115	26	3	NPT
KE4195	—	1750	150	34	4	Flange
KKE4195	—	1750	205	47	4	Flange
LQE4195	—	1150	235	53	4	Flange
LSE4195	—	1150	350	80	4	Flange
Q4195	—	750	460	104	6	Flange
QS4195	—	640	580	132	6	Flange

CURVES

NPT PORTS



FLANGE PORTS



PORTING

- Opposite (180°)
- NPT
- Flanged (ANSI or DIN Compatible)
- High Pressure Flanges

SEALING

- Behind the Rotor Seal
- Balanced Seal

MOUNTING

- Motor Mount
- Foot Mount
- Vertical Mount

DRIVES

- Motor Mounted Drive
- Direct-Mounted Drive
- Offset Gear Reducer Drive
- Purchased Gear Reducer Drive



(H495 M Drive)

TYPICAL APPLICATIONS

- Refined Fuels
- Lube Oils
- Rotating Equipment Lubrication
- Mobile Pump Carts
- Glycols

VIKING PUMP

VIKING PUMP, INC.
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